Table 4. U.S. shale plays: natural gas production and proved reserves, 2019-20

			2019		2020		Change 2020-2019	
Basin	**Shale Play**	**State(s)**	**Production**	**Reserves**	**Production**	**Reserves**	**Production**	**Reserves**
Appalachian	Marcellus	PA,WV	8.7	139.4	9.3	129.0	0.6	-10.4
Permian Basin	Wolfcamp, Bone Spring	NM, TX	4.5	49.9	5.2	52.5	0.7	2.6
Texas-Louisiana Salt	Haynesville/Bossier	TX,LA	3.4	46.7	3.6	44.8	0.2	-1.9
Western Gulf	Eagle Ford	TX	2.1	26.6	1.9	22.3	-0.2	-4.3
Appalachian	Utica/Pt. Pleasant	OH	2.6	34.4	2.3	27.8	-0.3	-6.6
Anadarko, S. Oklahoma	Woodford	OK	1.5	20.9	1.2	15.5	-0.3	-5.4
Fort Worth	Barnett	TX	1.1	14.1	1.0	10.8	-0.1	-3.3
Williston	Bakken/Three Forks	MT, ND	1.0	12.2	1.0	8.6	0.0	-3.6
Arkoma	Fayetteville	AR	0.5	5.1	0.4	4.2	-0.1	-0.9
Sub-total			**25.4**	**349.3**	**25.9**	**315.5**	**0.5**	**-33.8**
Other shale gas			0.1	3.8	0.2	2.2	0.1	-1.6
All U.S. shale gas			**25.5**	**353.1**	**26.1**	**317.7**	**0.6**	**-35.4**

Note: Table values are based on shale gas proved reserves and production volumes reported and imputed from data on Form EIA-23.

For certain reasons (e.g., incorrect or incomplete submissions, misidentification of shale versus non-shale reservoirs), the actual proved reserves and production of natural gas from shale plays may be higher or lower.

Other shale gas includes fields reported as shale on Form EIA-23 assigned by EIA to the Niobrara, Antrim, and Monterey shale gas plays.

The production estimates are offered only as an observed indicator of production trends and may differ from EIA production volumes listed elsewhere on the EIA website.

Natural gas is measured at 60 degrees Fahrenheit and atmospheric pressure base of 14.73 pounds per square inch (psia).

Sources: U.S. Energy Information Administration, Form EIA-23L, *Annual Report of Domestic Oil and Gas Reserves* , 2019 and 2020.